



# **STIC Search Report**

## **Biotech-Chem Library**

**STIC Database Tracking Number 121771**

**TO: Deepak Rao**  
**Location: REM-5B07/5C18**  
**Art Unit: 1624**  
**Wednesday, May 12, 2004**

**Case Serial Number: 10/609224**

**From: Peggy Ruppel**  
**Location: Biotech-Chem Library**  
**REMSSEN 1B65**  
**Phone: 571-272-2557**

**Peggy.Ruppel@uspto.gov**

### **Search Notes**

The results of your litigation search request results are attached. Please let me know if you have any questions or comments.

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STIC-Biotech/ChemLib

121771

From: Rao, Deepak  
Sent: Tuesday, May 11, 2004 1:52 PM  
To: STIC-Biotech/ChemLib  
Cc: Tsang, Cecilia  
Subject: Litigation search in Reissue application.

Peggy

A litigation search in Reissue Application No. 10/609,224 is requested.

Thank you.

Deepak Rao  
Primary Examiner  
Art Unit 1624  
(571) 272-0672  
REM 5B07

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STIC

Searcher: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Location: \_\_\_\_\_  
Date Picked Up: \_\_\_\_\_  
Date Completed: \_\_\_\_\_  
Searcher Prep/Review: \_\_\_\_\_  
Clerical: \_\_\_\_\_  
Online time: \_\_\_\_\_

TYPE OF SEARCH:  
NA Sequences: \_\_\_\_\_  
AA Sequences: \_\_\_\_\_  
Structures: \_\_\_\_\_  
Bibliographic: \_\_\_\_\_  
Litigation: \_\_\_\_\_  
Full text: \_\_\_\_\_  
Patent Family: \_\_\_\_\_  
Other: \_\_\_\_\_

VENDOR/COST (where applic.)  
STN: \_\_\_\_\_  
DIALOG: \_\_\_\_\_  
Questel/Orbit: \_\_\_\_\_  
DRLink: \_\_\_\_\_  
Lexis/Nexis: \_\_\_\_\_  
Sequence Sys.: \_\_\_\_\_  
WWW/Internet: \_\_\_\_\_  
Other (specify): \_\_\_\_\_

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\$0.00 0.236 DialUnits FileHomeBase

\$0.00 Estimated cost FileHomeBase

\$0.06 INTERNET

\$0.06 Estimated cost this search

\$0.06 Estimated total session cost 0.236 DialUnits

File 345:Inpadoc/Fam.& Legal Stat 1968-2004/UD=200418

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\*File 345: October 12, 2003 - changes to legal status now online.

See HELP NEWS 345 for details.

Set Items Description

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| Ref | Items | Index-term     |
|-----|-------|----------------|
| E1  | 1     | PN=US 6063804  |
| E2  | 1     | PN=US 6063805  |
| E3  | 1     | *PN=US 6063806 |
| E4  | 1     | PN=US 6063807  |
| E5  | 1     | PN=US 6063808  |
| E6  | 1     | PN=US 6063809  |
| E7  | 1     | PN=US 6063810  |
| E8  | 1     | PN=US 6063811  |
| E9  | 1     | PN=US 6063812  |
| E10 | 1     | PN=US 6063813  |
| E11 | 1     | PN=US 6063814  |
| E12 | 1     | PN=US 6063815  |

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S PN=US 6063806

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1/39/1

DIALOG(R)File 345:Inpadoc/Fam.&amp; Legal Stat

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17787474

Basic Patent (No,Kind,Date): CA 2233842 AA 19970410 &lt;No. of Patents: 032&gt;

Patent Family:

| Patent No   | Kind | Date     | Applic No     | Kind | Date             |
|-------------|------|----------|---------------|------|------------------|
| AT 210116   | E    | 20011215 | EP 96932060   | A    | 19960930         |
| AU 9670977  | A1   | 19970428 | AU 9670977    | A    | 19960930         |
| AU 708571   | B2   | 19990805 | AU 9670977    | A    | 19960930         |
| BR 9610846  | A    | 19990713 | BR 96U10846   | A    | 19960930         |
| CA 2233842  | AA   | 19970410 | CA 2233842    | A    | 19960930 (BASIC) |
| CN 1203587  | A    | 19981230 | CN 96198670   | A    | 19960930         |
| CN 1361100  | A    | 20020731 | CN 2001142957 | A    | 20011130         |
| CN 1097043  | B    | 20021225 | CN 96198670   | A    | 19960930         |
| DE 69617731 | C0   | 20020117 | DE 69617731   | A    | 19960930         |
| DE 69617731 | T2   | 20020808 | DE 69617731   | A    | 19960930         |
| DK 866059   | T3   | 20020325 | DK 9696932060 | A    | 19960930         |
| EP 866059   | A1   | 19980923 | EP 96932060   | A    | 19960930         |
| EP 866059   | A4   | 19981202 | EP 96932060   | A    | 19960930         |
| EP 866059   | B1   | 20011205 | EP 96932060   | A    | 19960930         |
| ES 2164920  | T3   | 20020301 | ES 96932060   | EP   | 19960930         |
| HK 1015781  | A1   | 20030822 | HK 99100913   | A    | 19990305         |
| HU 9900617  | AB   | 19990628 | HU 999900617  | A    | 19960930         |
| IL 123939   | A1   | 20011125 | IL 123939     | A    | 19960930         |
| JP 2968050  | B2   | 19991025 | JP 96514152   | A    | 19960930         |
| NO 9801485  | A    | 19980602 | NO 981485     | A    | 19980401         |
| NO 9801485  | A0   | 19980401 | NO 981485     | A    | 19980401         |
| NO 310818   | B1   | 20010903 | NO 981485     | A    | 19980401         |
| NZ 318874   | A    | 19990929 | NZ 318874     | A    | 19960930         |
| PL 326000   | A1   | 19980817 | PL 326000     | A    | 19960930         |
| PT 866059   | T    | 20020328 | PT 96932060   | A    | 19960930         |

|            |             |             |            |
|------------|-------------|-------------|------------|
| TR 9800655 | T2 19990921 | TR 9800655  | A 19960930 |
| US 6063806 | A 20000516  | US 51202    | A 19980403 |
| US 6200988 | BA 20010313 | US 506839   | A 20000218 |
| WO 9712860 | A1 19970410 | WO 96JP2852 | A 19960930 |
| CZ 9800996 | A3 19980812 | CZ 98996    | A 19960930 |
| CZ 292632  | B6 20031112 | CZ 98996    | A 19960930 |
| TW 429250  | B 20010411  | TW 85112125 | A 19961004 |

Priority Data (No,Kind,Date):

JP 95259082 A 19951005  
 JP 9658018 A 19960314  
 JP 96194331 A 19960724  
 WO 96JP2852 W 19960930  
 JP 96514152 A 19960930

PATENT FAMILY:

AUSTRIA (AT)

Patent (No,Kind,Date): AT 210116 E 20011215

NEUE HETEROZYKLISCHE DERIVATE UND IHRE MEDIZINISCHE ANWENDUNG

(German)

Patent Assignee: KYOTO PHARMA IND (JP)

Author (Inventor): KAMIYA SHOJI ( ); SHIRAHASE HIROAKI (JP); MATSUI HIROSHI (JP); NAKAMURA SHOHEI ( ); WADA KATSUO

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A 19960314; JP 96194331 A 19960724; WO 96JP2852 W 19960930

Applic (No,Kind,Date): EP 96932060 A 19960930

Addnl Info: 866059 20011205

IPC: \* C07D-209/08; C07D-209/12; C07D-209/14; C07D-209/18; C07D-215/40  
 ; A61K-031/40; A61K-031/47

Derwent WPI Acc No: \* C 97-226137

Language of Document: German

AUSTRIA (AT)

Legal Status (No,Type,Date,Code,Text):

AT 210116 R 20011215 AT REF CORRESPONDS TO EP-PATENT  
 (ENTSPRICHT EP-PATENT)

EP 866059 P 20011205

AT 210116 R 20020515 AT UEP PUBLICATION OF TRANSLATION  
 OF EUROPEAN PATENT SPECIFICATION

(UEBERSETZUNG DER EUROPÄISCHEN PATENTSCHRIFT  
AUSGEGEBEN)

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9670977 A1 19970428

NOVEL HETEROCYCLIC DERIVATIVES AND MEDICINAL USE THEREOF (English)

Patent Assignee: KYOTO PHARMA IND

Author (Inventor): KAMIYA SHOJI; SHIRAHASE HIROAKI; MATSUI HIROSHI;  
NAKAMURA SHOHEI; WADA KATSUO

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A  
19960314; JP 96194331 A 19960724; WO 96JP2852 W 19960930

Applic (No,Kind,Date): AU 9670977 A 19960930

IPC: \* C07D-209/08; C07D-209/12; C07D-209/14; C07D-209/18; C07D-215/40  
; A61K-031/40; A61K-031/47

Derwent WPI Acc No: \* C 97-226137

Language of Document: English

Patent (No,Kind,Date): AU 708571 B2 19990805

NOVEL HETEROCYCLIC DERIVATIVES AND MEDICINAL USE THEREOF (English)

Patent Assignee: KYOTO PHARMA IND

Author (Inventor): KAMIYA SHOJI; SHIRAHASE HIROAKI; MATSUI HIROSHI;  
NAKAMURA SHOHEI; WADA KATSUO

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A  
19960314; JP 96194331 A 19960724; WO 96JP2852 W 19960930

Applic (No,Kind,Date): AU 9670977 A 19960930

IPC: \* C07D-209/08; C07D-209/12; C07D-209/14; C07D-209/18; C07D-215/40  
; A61K-031/40; A61K-031/47

Derwent WPI Acc No: \* C 97-226137

Language of Document: English

AUSTRALIA (AU)

Legal Status (No,Type,Date,Code,Text):

AU 708571 P 20000302 AU DA2 APPLICATIONS FOR AMENDMENT  
SECTION 104

BRAZIL (BR)

Patent (No,Kind,Date): BR 9610846 A 19990713

NOVOS DERIVADOS HETEROCICLICOS E USO FARMACEUTICO DOS MESMOS

(Portugese)

Patent Assignee: KYOTO PHARMA IND (JP)

Author (Inventor): KAMIYA SHOJI; SHIRAHASE HIROAKI; MATSUI HIROSHI;  
NAKAMURA SHOHEI; WADA KATSUO

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A

19960314; JP 96194331 A 19960724; WO 96JP2852 W 19960930

Applic (No,Kind,Date): BR 96U10846 A 19960930

IPC: \* C07D-209/08; C07D-209/12; C07D-209/14; C07D-209/18; C07D-251/40  
; A61K-031/40; A61K-031/47

Derwent WPI Acc No: \* C 97-226137

Language of Document: Portugese

CANADA (CA)

Patent (No,Kind,Date): CA 2233842 AA 19970410

NOVEL HETEROCYCLIC DERIVATIVES AND PHARMACEUTICAL USE THEREOF  
NOUVEAUX

DERIVES HETEROCYCLIQUES ET LEUR UTILISATION MEDICINALE (English;  
French)

Patent Assignee: KYOTO PHARMA IND (JP)

Author (Inventor): SHIRAHASE HIROAKI (JP); KAMIYA SHOJI (JP);  
NAKAMURA SHOHEI (JP); MATSUI HIROSHI (JP); WADA KATSUO (JP)

Priority (No,Kind,Date): JP 96194331 A 19960724; JP 9658018 A  
19960314; JP 95259082 A 19951005

Applic (No,Kind,Date): CA 2233842 A 19960930

IPC: \* C07D-209/08; C07D-209/30; C07D-215/40; A61K-031/40; A61K-031/47  
; C07F-009/572; C07F-009/60; A61K-031/675

Language of Document: English

CANADA (CA)

Legal Status (No,Type,Date,Code,Text):

CA 2233842 P 19980402 CA REFW CORRESPONDS TO PCT  
APPLICATION (ENTSPRICHT PCT ANMELDUNG)  
WO 9712860 P

CA 2233842 P 20030403 CA AFNE NATIONAL PHASE ENTRY  
DATE: 19980402

CA 2233842 P 20030403 CA EEER EXAMINATION REQUEST  
DATE: 20000925

CHINA (CN)

Patent (No,Kind,Date): CN 1203587 A 19981230

NOVEL HETEROCYCLIC DERIVATIVES AND MEDICINAL USE THEREOF (English)

Patent Assignee: KYOTO PHARMA IND (JP)

Author (Inventor): SHOJI KAMIYA (JP); HIROAKI SHIRAHASE (JP);  
HIROSHI MATSUI (JP)

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A  
19960314; JP 96194331 A 19960724

Applic (No,Kind,Date): CN 96198670 A 19960930

IPC: \* C07D-209/08; C07D-209/12; C07D-209/14; C07D-209/18; C07D-215/40  
; A61K-031/40; A61K-031/47

Derwent WPI Acc No: \* C 97-226137

Language of Document: Chinese

Patent (No,Kind,Date): CN 1361100 A 20020731

NEW HETEROCYCLIC DERIVATIVE AND ITS MEDICAL USE (English)

Patent Assignee: KYOTO PHARMACEUTICAL CO LTD (JP)

Author (Inventor): NAOJI KABEYA (JP); HIROAKI SHIRAHASE (JP); HAKU  
MATSUI (JP)

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A  
19960314; JP 96194331 A 19960724

Applic (No,Kind,Date): CN 2001142957 A 20011130

IPC: \* C07D-215/40; A61K-031/47; A61P-009/06; A61P-043/00

Derwent WPI Acc No: \* C 97-226137

Language of Document: Chinese

Patent (No,Kind,Date): CN 1097043 B 20021225

NOVEL HETEROCYCLIC DERIVS, AND MEDICINAL USE THEREOF (English)

Patent Assignee: KYOTO PHARMA IND (JP)

Author (Inventor): SHOJI KAMIYA (JP); HIROAKI SHIRAHASE (JP);  
HIROSHI MATSUI (JP)

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A  
19960314; JP 96194331 A 19960724

Applic (No,Kind,Date): CN 96198670 A 19960930

IPC: \* C07D-209/08; C07D-209/12; C07D-209/14; C07D-209/18; C07D-215/40  
; A61K-031/40; A61K-031/47

Derwent WPI Acc No: \* C 97-226137

Language of Document: Chinese



CZECH REPUBLIC (CZ)

Patent (No,Kind,Date): CZ 9800996 A3 19980812

HETEROCYCLIC DERIVATIVES WITH INDOLINE, INDOLE OR TETRAHYDROQUINOLINE  
CYCLE AND THEIR PHARMACEUTICAL USE (Czech; English)

Patent Assignee: KYOTO PHARMACEUTICAL IND (JP)

Author (Inventor): KAMIYA SHOJI (JP); SHIRAHASE HIROAKI (JP); MATSUI  
HIROSHI (JP); NAKAMURA SHOHEI (JP); WADA KATSUO (JP)

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A  
19960314; JP 96194331 A 19960724

Applic (No,Kind,Date): CZ 98996 A 19960930

IPC: \* C07D-209/08; C07D-209/12; C07D-209/14; C07D-209/18; A61K-031/40  
; A61K-031/47

Derwent WPI Acc No: \* C 97-226137

Language of Document: Czech; Slovak

Patent (No,Kind,Date): CZ 292632 B6 20031112

Indoline, indole or tetrahydroquinoline derivative and pharmaceutical  
preparation in which the derivative is comprised (Czech; English)

Patent Assignee: KYOTO PHARMACEUTICAL IND (JP)

Author (Inventor): KAMIYA SHOJI (JP); SHIRAHASE HIROAKI (JP); MATSUI  
HIROSHI (JP); NAKAMURA SHOHEI (JP); WADA KATSUO (JP)

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A  
19960314; JP 96194331 A 19960724

Applic (No,Kind,Date): CZ 98996 A 19960930

IPC: \* C07D-209/08; C07D-209/12; C07D-209/14; C07D-209/18;  
A61K-031/403; A61K-031/47

Language of Document: Czech; Slovak

GERMANY (DE)

Patent (No,Kind,Date): DE 69617731 C0 20020117

NEUE HETEROZYKLISCHE DERIVATE UND IHRE MEDIZINISCHE ANWENDUNG  
(German)

Patent Assignee: KYOTO PHARMA IND (JP)

Author (Inventor): KAMIYA SHOJI (JP); SHIRAHASE HIROAKI (JP); MATSUI  
HIROSHI (JP); NAKAMURA SHOHEI (JP); WADA KATSUO (JP)

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A  
19960314; JP 96194331 A 19960724; WO 96JP2852 W 19960930

Applic (No,Kind,Date): DE 69617731 A 19960930

IPC: \* C07D-209/08; C07D-209/12; C07D-209/14; C07D-209/18; C07D-215/40  
; A61K-031/40; A61K-031/47

Derwent WPI Acc No: \* C 97-226137

Language of Document: German

Patent (No,Kind,Date): DE 69617731 T2 20020808

NEUE HETEROZYKLISCHE DERIVATE UND IHRE MEDIZINISCHE ANWENDUNG  
(German)

Patent Assignee: KYOTO PHARMA IND (JP)

Author (Inventor): KAMIYA SHOJI (JP); SHIRAHASE HIROAKI (JP); MATSUI  
HIROSHI (JP); NAKAMURA SHOHEI (JP); WADA KATSUO (JP)

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A  
19960314; JP 96194331 A 19960724; WO 96JP2852 W 19960930

Applic (No,Kind,Date): DE 69617731 A 19960930

IPC: \* C07D-209/08; C07D-209/12; C07D-209/14; C07D-209/18; C07D-215/40  
; A61K-031/40; A61K-031/47

Derwent WPI Acc No: \* C 97-226137

Language of Document: German

#### GERMANY (DE)

Legal Status (No,Type,Date,Code,Text):

DE 69617731 P 20020117 DE REF CORRESPONDS TO  
(ENTSPRICHT)

EP 866059 P 20020117

DE 69617731 P 20020808 DE 8373 TRANSLATION OF PATENT  
DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND  
HAS BEEN PUBLISHED (UEBERSETZUNG DER  
PATENTSCHRIFT DES EUROPÄISCHEN PATENTES IST  
EINGEGANGEN UND VERÖFFENTLICHT WORDEN)

DE 69617731 P 20030109 DE 8364 NO OPPOSITION DURING TERM OF  
OPPOSITION (EINSPRUCHSFRIST ABGELAUFEN OHNE  
DASS EINSPRUCH ERHOBEN WURDE)

#### DENMARK (DK)

Patent (No,Kind,Date): DK 866059 T3 20020325

NYE HETEROCYKLISCHE DERIVATER OG MEDICINSK ANVENDELSE DERAFT (Danish)

Patent Assignee: KYOTO PHARMA IND (JP)

Author (Inventor): KAMIYA SHOJI (JP); SHIRAHASE HIROAKI (JP); MATSUI HIROSHI (JP); NAKAMURA SHOHEI (JP); WADA KATSUO (JP)  
Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A 19960314; JP 96194331 A 19960724; WO 96JP2852 W 19960930  
Applic (No,Kind,Date): DK 9696932060 A 19960930  
IPC: \* C07D-209/08; A61K-031/40; A61K-031/47; C07D-209/12; C07D-209/14 ; C07D-209/18; C07D-215/40  
Derwent WPI Acc No: \* C 97-226137  
Language of Document: Danish

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 866059 A1 19980923  
NOVEL HETEROCYCLIC DERIVATIVES AND MEDICINAL USE THEREOF (English; French; German)  
Patent Assignee: KYOTO PHARMA IND (JP)  
Author (Inventor): KAMIYA SHOJI (JP); SHIRAHASE HIROAKI (JP); MATSUI HIROSHI (JP); NAKAMURA SHOHEI (JP); WADA KATSUO (JP)  
Priority (No,Kind,Date): WO 96JP2852 W 19960930; JP 95259082 A 19951005; JP 9658018 A 19960314; JP 96194331 A 19960724  
Applic (No,Kind,Date): EP 96932060 A 19960930  
Designated States: (National) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE  
IPC: \* C07D-209/08; C07D-209/12; C07D-209/14; C07D-209/18; C07D-215/40 ; A61K-031/40; A61K-031/47  
Derwent WPI Acc No: \* C 97-226137  
Language of Document: English

Patent (No,Kind,Date): EP 866059 A4 19981202  
NOVEL HETEROCYCLIC DERIVATIVES AND MEDICINAL USE THEREOF (English; French; German)  
Patent Assignee: KYOTO PHARMA IND (JP)  
Author (Inventor): KAMIYA SHOJI (JP); SHIRAHASE HIROAKI (JP); MATSUI HIROSHI (JP); NAKAMURA SHOHEI (JP); WADA KATSUO (JP)  
Priority (No,Kind,Date): WO 96JP2852 W 19960930; JP 95259082 A 19951005; JP 9658018 A 19960314; JP 96194331 A 19960724  
Applic (No,Kind,Date): EP 96932060 A 19960930  
Designated States: (National) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

IPC: \* C07D-209/08; C07D-209/12; C07D-209/14; C07D-209/18; C07D-215/40  
; A61K-031/40; A61K-031/47

Derwent WPI Acc No: \* C 97-226137

Language of Document: English

Patent (No,Kind,Date): EP 866059 B1 20011205

NOVEL HETEROCYCLIC DERIVATIVES AND MEDICINAL USE THEREOF (English;  
French; German)

Patent Assignee: KYOTO PHARMA IND (JP)

Author (Inventor): KAMIYA SHOJI (JP); SHIRAHASE HIROAKI (JP); MATSUI  
HIROSHI (JP); NAKAMURA SHOHEI (JP); WADA KATSUO (JP)

Priority (No,Kind,Date): WO 96JP2852 W 19960930; JP 95259082 A  
19951005; JP 9658018 A 19960314; JP 96194331 A 19960724

Applic (No,Kind,Date): EP 96932060 A 19960930

Designated States: (National) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR;  
IE; IT; LI; LU; MC; NL; PT; SE

IPC: \* C07D-209/08; C07D-209/12; C07D-209/14; C07D-209/18; C07D-215/40  
; A61K-031/40; A61K-031/47

Derwent WPI Acc No: \* C 97-226137

Language of Document: English

#### EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 866059 P 19951005 EP AA PRIORITY (PATENT  
APPLICATION) (PRIORITAET (PATENTANMELDUNG))

JP 95259082 A 19951005

EP 866059 P 19960314 EP AA PRIORITY (PATENT  
APPLICATION) (PRIORITAET (PATENTANMELDUNG))

JP 9658018 A 19960314

EP 866059 P 19960724 EP AA PRIORITY (PATENT  
APPLICATION) (PRIORITAET (PATENTANMELDUNG))

JP 96194331 A 19960724

EP 866059 P 19960930 EP AA PCT-APPLICATION  
(PCT-ANMELDUNG)  
WO 96JP2852 W 19960930

|           |   |          |        |   |
|-----------|---|----------|--------|---|
| EP 866059 | P | 19960930 | EP AE  | EP-APPLICATION<br>(EUROPÄISCHE ANMELDUNG)<br>EP 96932060 A 19960930   |
| EP 866059 | P | 19980923 | EP AK  | DESIGNATED CONTRACTING<br>STATES IN AN APPLICATION WITH SEARCH REPORT:<br>(IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)<br>AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC<br>NL PT SE                                  |
| EP 866059 | P | 19980923 | EP A1  | PUBLICATION OF APPLICATION<br>WITH SEARCH REPORT (VERÖFFENTLICHUNG DER<br>ANMELDUNG MIT RECHERCHENBERICHT)  |
| EP 866059 | P | 19980923 | EP 17P | REQUEST FOR EXAMINATION<br>FILED (PRÜFUNGSANTRAG GESTELLT)<br>980421  |
| EP 866059 | P | 19981202 | EP AK  | DESIGNATED CONTRACTING<br>STATES MENTIONED IN A SUPPLEMENTARY SEARCH<br>REPORT: (IN EINEM ERGÄNZENDEN<br>RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)<br><br>AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC<br>NL PT SE |
| EP 866059 | P | 19981202 | EP A4  | SUPPLEMENTARY SEARCH REPORT<br>(ERGÄNZENDER RECHERCHENBERICHT)<br>981013  |
| EP 866059 | P | 19991201 | EP 17Q | FIRST EXAMINATION REPORT<br>(ERSTER PRÜFUNGSBESCHEID)<br>19991014   |
| EP 866059 | P | 20011205 | EP AK  | DESIGNATED CONTRACTING<br>STATES MENTIONED IN A PATENT SPECIFICATION:<br>(IN EINER PATENTSCHRIFT ANGEFÜHRTE BENANNT<br>VERTRAGSSTAATEN)<br>AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC<br>NL PT SE                 |
| EP 866059 | P | 20011205 | EP B1  | PATENT SPECIFICATION<br>(PATENTSCHRIFT)   |
| EP 866059 | P | 20011205 | EP DX  | MISCELLANEOUS: (DELETED)<br>(DIVERSES: (GELOESCHT))   |

EP 866059 P 20011205 EP REF IN AUSTRIA REGISTERED AS:  
(IN AT EINGETRAGEN ALS:)  
AT 210116 R 20011215

EP 866059 P 20011214 CH EP/REG ENTRY IN THE NATIONAL PHASE  
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EP 866059 P 20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS  
OF 2002-01-01

EP 866059 P 20020109 IE FG4D/REG EUROPEAN PATENTS GRANTED  
DESIGNATING IRELAND

EP 866059 P 20020117 EP REF CORRESPONDS TO:  
(ENTSPRICHT)  
DE 69617731 P 20020117

EP 866059 P 20020228 CH NV/REG NEW AGENT (NEUER  
VERTRETER/NOUVEAUX MANDATAIRES/NUOVI  
MANDATARI)  
A. BRAUN, BRAUN, HERITIER, ESCHMANN AG  
PATENTANWAELTE

EP 866059 P 20020301 ES FG2A/REG DEFINITIVE PROTECTION  
(PROTECCION DEFINITIVA)  
2164920T3

EP 866059 P 20020325 DK T3/REG TRANSLATION OF EP PATENT

EP 866059 P 20020328 PT SC4A/REG TRANSLATION IS AVAILABLE  
20020103 AVAILABILITY OF NATIONAL TRANSLATION

EP 866059 P 20020426 EP ET FR: TRANSLATION FILED (FR:  
TRADUCTION A ETE REMISE)

EP 866059 P 20021127 EP 26N NO OPPOSITION FILED (KEIN  
EINSPRUCH EINGELEGT)

SPAIN (ES)

Patent (No,Kind,Date): ES 2164920 T3 20020301

NUEVOS DERIVADOS HETEROCICLICOS Y USO MEDICINAL DE LOS MISMOS.

(Spanish)

Patent Assignee: KYOTO PHARMA IND

Author (Inventor): KAMIYA SHOJI (JP); SHIRAHASE HIROAKI (JP); MATSUI  
HIROSHI (JP); NAKAMURA SHOHEI (JP); WADA KATSUO (JP)

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A  
19960314; JP 96194331 A 19960724

Applic (No,Kind,Date): ES 96932060 EP 19960930

Addnl Info: 866059 EP patent valid in AT

IPC: \* C07D-209/08; C07D-209/12; C07D-209/14; C07D-209/18; C07D-215/40  
; A61K-031/40; A61K-031/47

Derwent WPI Acc No: \* C 97-226137

Language of Document: Spanish

#### SPAIN (ES)

Legal Status (No,Type,Date,Code,Text):

ES 2164920 P 20020301 ES FG2A DEFINITIVE PROTECTION  
(PROTECCION DEFINITIVA)  
866059

#### HONG KONG (HK)

Patent (No,Kind,Date): HK 1015781 A1 20030822

NOVEL HETEROCYCLIC DERIVATIVES AND MEDICINAL USE THEREOF (English)

Patent Assignee: KYOTO PHARMA IND (JP)

Author (Inventor): KAMIYA SHOJI; SHIRAHASE HIROAKI; MATSUI HIROSHI;  
NAKAMURA SHOHEI; WADA KATSUO

Priority (No,Kind,Date): WO 96JP2852 W 19960930; JP 95259082 A  
19951005; JP 9658018 A 19960314; JP 96194331 A 19960724

Applic (No,Kind,Date): HK 99100913 A 19990305

IPC: \* C07D; A61K

Language of Document: English

#### HUNGARY (HU)

Patent (No,Kind,Date): HU 9900617 AB 19990628

NOVEL INDOLE-, INDOLINE- OR TETRAHYDROKINOLINE DERIVATIVES AS ACAT AND  
LIPID PEROXIDATION INHIBITORS, USE THEREOF, PHARMACEUTICAL  
COMPOSITIONS CONTAINING THESE COMPOUNDS (English)

Patent Assignee: KYOTO PHARMACEUTICAL IND (JP)

Author (Inventor): KAMIYA SHOJI (JP); MATSUI HIROSHI (JP); NAKAMURA  
SHOHEI (JP); SHIRAHASE HIROAKI (JP); WADA KATSUO (JP)

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A  
19960314; JP 96194331 A 19960724

Applic (No,Kind,Date): HU 999900617 A 19960930

IPC: \* C07D-209/08; C07D-209/12; C07D-209/14; C07D-209/18; C07D-215/40

; A61K-031/40; A61K-031/47

Derwent WPI Acc No: \* C 97-226137

Language of Document: Hungarian

ISRAEL (IL)

Patent (No,Kind,Date): IL 123939 A1 20011125

HETEROCYCLIC DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS CONTAINING  
THE

SAME (English)

Patent Assignee: KYOTO PHARMA IND (JP)

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A

19960314; JP 96194331 A 19960724; WO 96JP2852 W 19960930

Applic (No,Kind,Date): IL 123939 A 19960930

IPC: \* C07D-209/04; C07D-215/06; A61K-031/40; A61K-031/47; A61P-003/00

Derwent WPI Acc No: \* C 97-226137

Language of Document: English

ISRAEL (IL)

Legal Status (No,Type,Date,Code,Text):

IL 123939 P 20020421 IL FF PATENTS GRANTED

IL 123939 P 20020630 IL KB PATENTS RENEWED

IL 123939 P 20021201 IL KB PATENTS RENEWED

JAPAN (JP)

Patent (No,Kind,Date): JP 2968050 B2 19991025

Patent Assignee: KYOTO PHARMA IND

Author (Inventor): KAMYA NAOHARU; SHIRAHASE HIROAKI; MATSUI HIROSHI;

NAKAMURA SHOHEI; WADA KATSUO

Priority (No,Kind,Date): JP 96514152 A 19960930; WO 96JP2852 W

19960930; JP 95259082 A 19951005; JP 9658018 A 19960314; JP

96194331 A 19960724

Applic (No,Kind,Date): JP 96514152 A 19960930

IPC: \* C07D-209/08; A61K-031/00; A61K-031/40; A61K-031/47; C07D-209/12

; C07D-209/14; C07D-209/18; C07D-215/40

Language of Document: Japanese

NORWAY (NO)



Patent (No,Kind,Date): NO 9801485 A 19980602

NYE HETEROCYKLISKE DERIVATER OG FARMAS YTISK ANVENDELSE AV DISSE  
(Norwegian)

Patent Assignee: KYOTO PHARMA IND (JP)

Author (Inventor): KAMIYA SHOJI (JP); SHIRAHASE HIROAKI (JP); MATSUI  
HIROSHI (JP); NAKAMURA SHOHEI (JP); WADA KATSUO (JP)

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A  
19960314; JP 96194331 A 19960724; WO 96JP2852 W 19960930

Applic (No,Kind,Date): NO 981485 A 19980401

IPC: \* C07D-209/08; C07D-209/14; C07D-215/40; A61K-031/40; A61K-031/47

Derwent WPI Acc No: \* C 97-226137

Language of Document: Norwegian

Patent (No,Kind,Date): NO 9801485 A0 19980401

NYE HETEROCYKLISKE DERIVATER OG FARMASOEYTISK ANVENDELSE AV DISSE  
(Norwegian)

Patent Assignee: KYOTO PHARMA IND (JP)

Author (Inventor): KAMIYA SHOJI (JP); SHIRAHASE HIROAKI (JP); MATSUI  
HIROSHI (JP); NAKAMURA SHOHEI (JP); WADA KATSUO (JP)

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A  
19960314; JP 96194331 A 19960724; WO 96JP2852 W 19960930

Applic (No,Kind,Date): NO 981485 A 19980401

IPC: \* C07D

Derwent WPI Acc No: \* C 97-226137

Language of Document: Norwegian

Patent (No,Kind,Date): NO 310818 B1 20010903

NYE HETEROCYKLISKE DERIVATER OG FARMASOEYTISK SAMMENSETNING  
OMFATTENDE

DISSE (Norwegian)

Patent Assignee: KYOTO PHARMA IND (JP)

Author (Inventor): KAMIYA SHOJI (JP); SHIRAHASE HIROAKI (JP); MATSUI  
HIROSHI (JP); NAKAMURA SHOHEI (JP); WADA KATSUO (JP)

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A  
19960314; JP 96194331 A 19960724; WO 96JP2852 W 19960930

Applic (No,Kind,Date): NO 981485 A 19980401

IPC: \* C07D-209/08; C07D-209/12; C07D-215/40; A61K-031/40; A61K-031/47

Derwent WPI Acc No: \* C 97-226137

Language of Document: Norwegian

NEW ZEALAND (NZ)

Patent (No,Kind,Date): NZ 318874 A 19990929

INDOLINE AND QUINOLINE DERIVATIVES, PREPARATION AND PHARMACEUTICAL  
COMPOSITIONS THEREOF (English)

Patent Assignee: KYOTO PHARMA IND

Author (Inventor): KAMIYA SHOJI; SHIRAHASE HIROAKI; MATSUI HIROSHI;  
NAKAMURA SHOHEI; WADA KATSUO

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A  
19960314; JP 96194331 A 19960724; WO 96JP2852 W 19960930

Applic (No,Kind,Date): NZ 318874 A 19960930

IPC: \* C07D-209/08; C07D-209/12; C07D-209/14; C07D-209/18; C07D-215/40  
; A61K-031/40; A61K-031/47

Derwent WPI Acc No: \* C 97-226137

Language of Document: English

POLAND (PL)

Patent (No,Kind,Date): PL 326000 A1 19980817

NOVEL HETEROCYCLIC DERIVATIVES AND THEIR PHARMACEUTIC APPLICATION  
(English)

Patent Assignee: KYOTO PHARMACEUTICAL IND (JP)

Author (Inventor): KAMIYA SHOJI (JP); MATSUI HIROSHI (JP); NAKAMURA  
SHOHEI (JP); WADA KATSUO (JP); SHIRAHASE HIROAKI (JP)

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A  
19960314; JP 96194331 A 19960724

Applic (No,Kind,Date): PL 326000 A 19960930

IPC: \* C07D-209/08; C07D-209/12; C07D-209/18; A61K-031/40; A61K-031/47

Derwent WPI Acc No: \* C 97-226137

Language of Document: Polish

PORTUGAL (PT)

Patent (No,Kind,Date): PT 866059 T 20020328

NOVOS DERIVADOS HETEROCICLICOS E SUA UTILIZACAO MEDICINA (English;  
French; German; Portugese)

Patent Assignee: KYOTO PHARMA IND (JP)

Author (Inventor): KAMIYA SHOJI (JP); SHIRAHASE HIROAKI (JP); MATSUI  
HIROSHI (JP); NAKAMURA SHOHEI (JP); WADA KATSUO (JP)

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A  
19960314; JP 96194331 A 19960724

Applic (No,Kind,Date): PT 96932060 A 19960930

IPC: \* C07D-209/08; C07D-209/12; C07D-209/14; C07D-209/18; C07D-215/40  
; A61K-031/40; A61K-031/47

Derwent WPI Acc No: \* C 97-226137

Language of Document: Portugese

#### TURKEY (TR)

Patent (No,Kind,Date): TR 9800655 T2 19990921

Yeni heterosiklik turevler ve bunlarin farmasotik kullanimlari.

(Turkish)

Patent Assignee: KYOTO PHARMA IND (JP)

Author (Inventor): KAMIYA SHOJI (JP); SHIRAHASE HIROAKI (JP); MATSUI  
HIROSHI (JP); NAKAMURA SHOHEI (JP); WADA KATSUO (JP)

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A  
19960314; JP 96194331 A 19960724

Applic (No,Kind,Date): TR 9800655 A 19960930

IPC: \* C07D-209/08; C07D-209/12

Language of Document: Turkish

#### TAIWAN (TW)

Patent (No,Kind,Date): TW 429250 B 20010411

Patent Assignee: KYOTO PHARMACEUTICAL CO LTD (JP)

Author (Inventor): KAMIYA SHOJI (JP); SHIRAHASE HIROAKI (JP); MATSUI  
HIROSHI (JP); NAKAMURA SHOHEI (JP); WADA KATSUO (JP)

Priority (No,Kind,Date): JP 9658018 A 19960314; JP 96194331 A  
19960724; JP 95259082 A 19951005

Applic (No,Kind,Date): TW 85112125 A 19961004

IPC: \* A61K-031/40; C07D-209/04

Derwent WPI Acc No: \* C 97-226137

#### UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 6063806 A 20000516

INDOLYL OR INDOLINYL DERIVATIVES AND MEDICINAL USE THEREOF AS ACAT OR  
LIPID PEROXIDATION INHIBITORS (English)

Patent Assignee: KYOTO PHARMA IND (JP)

Author (Inventor): KAMIYA SHOJI (JP); SHIRAHASE HIROAKI (JP); MATSUI  
HIROSHI (JP); NAKAMURA SHOHEI (JP); WADA KATSUO (JP)

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A  
19960314; JP 96194331 A 19960724; WO 96JP2852 W 19960930

Applic (No,Kind,Date): US 51202 A 19980403

National Class: \* 514418000; 514419000; 548490000; 548491000;  
548483000; 548484000; 548510000

IPC: \* C07D-209/08; C07D-209/12; C07D-209/14; C07D-209/18; A61K-031/40

Derwent WPI Acc No: \* C 97-226137

Language of Document: English

Patent (No,Kind,Date): US 6200988 BA 20010313

HETEROCYCLIC DERIVATIVES AND PHARMACEUTICAL USE THEREOF (English)

Patent Assignee: KYOTO PHARMA IND (US)

Author (Inventor): KAMIYA SHOJI (JP); SHIRAHASE HIROAKI (JP); MATSUI  
HIROSHI (JP); NAKAMURA SHOHEI (JP); WADA KATSUO (JP)

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A  
19960314; JP 96194331 A 19960724

Applic (No,Kind,Date): US 506839 A 20000218

National Class: \* 514311000; 514312000; 514313000; 546153000;  
546158000; 546165000; 546166000; 546168000; 546171000

IPC: \* C07D-215/40; A61K-031/47

Derwent WPI Acc No: \* C 97-226137

Language of Document: English

#### UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 6063806 P 19951005 US AA PRIORITY (PATENT)  
JP 95259082 A 19951005

US 6063806 P 19960314 US AA PRIORITY (PATENT)  
JP 9658018 A 19960314

US 6063806 P 19960724 US AA PRIORITY (PATENT)  
JP 96194331 A 19960724

US 6063806 P 19960930 US AA PCT-APPLICATION (PCT-APPL.)  
WO 96JP2852 W 19960930

US 6063806 P 19980403 US AE APPLICATION DATA (PATENT)  
(APPL. DATA (PATENT))

US 51202 A 19980403  
 US 6063806 P 20000516 US A PATENT  
 US 6063806 P 20020108 US CC CERTIFICATE OF CORRECTION  
 US 6063806 P 20031104 US RF REISSUE APPLICATION FILED  
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 DATE: 20030627  
 US 6200988 P 19951005 US AA PRIORITY (PATENT)  
 JP 95259082 A 19951005  
 US 6200988 P 19960314 US AA PRIORITY (PATENT)  
 JP 9658018 A 19960314  
 US 6200988 P 19960724 US AA PRIORITY (PATENT)  
 JP 96194331 A 19960724  
 US 6200988 P 20000218 US AE APPLICATION DATA (PATENT)  
 (APPL. DATA (PATENT))  
 US 506839 A 20000218  
 US 6200988 P 20010313 US BA PATENT (NO PREVIOUS  
 PRE-GRANT PUBLICATION)

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No,Kind,Date): WO 9712860 A1 19970410

NOVEL HETEROCYCLIC DERIVATIVES AND MEDICINAL USE THEREOF (English)

Patent Assignee: KYOTO PHARMA IND (JP); KAMIYA SHOJI (JP); SHIRAHASE  
 HIROAKI (JP); MATSUI HIROSHI (JP); NAKAMURA SHOHEI (JP); WADA  
 KATSUO (JP)

Author (Inventor): KAMIYA SHOJI (JP); SHIRAHASE HIROAKI (JP); MATSUI  
 HIROSHI (JP); NAKAMURA SHOHEI (JP); WADA KATSUO (JP)

Priority (No,Kind,Date): JP 95259082 A 19951005; JP 9658018 A  
 19960314; JP 96194331 A 19960724

Applic (No,Kind,Date): WO 96JP2852 A 19960930

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 CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GE; HU; IL; IS; JP; KE;  
 KG; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO;  
 NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; TJ; TM; TR; TT; UA; UG; US;  
 UZ; VN; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM (Regional) KE; LS; MW;  
 SD; SZ; UG; AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC;  
 NL; PT; SE; BF; BJ; CF; CG; CI

Filing Details: WO 100000 With international search report

IPC: \* C07D-209/08; C07D-209/12; C07D-209/14; C07D-209/18; C07D-215/40  
; A61K-031/40; A61K-031/47

Derwent WPI Acc No: \* C 97-226137; C 97-226137

Language of Document: Japanese

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Legal Status (No,Type,Date,Code,Text):

WO 9712860 P 19951005 WO AA PRIORITY (PATENT)  
JP 95259082 A 19951005

WO 9712860 P 19960314 WO AA PRIORITY (PATENT)  
JP 9658018 A 19960314

WO 9712860 P 19960724 WO AA PRIORITY (PATENT)  
JP 96194331 A 19960724

WO 9712860 P 19960930 WO AE APPLICATION DATA (APPL.  
DATA)  
WO 96JP2852 A 19960930

WO 9712860 P 19970410 WO AK DESIGNATED STATES CITED IN A  
PUBLISHED APPLICATION WITH SEARCH REPORT  
(DESIGNATED STATES CITED IN A PUBLISHED APPL.  
WITH SEARCH REPORT)  
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ  
DE DK EE ES FI GB GE HU IL IS JP KE KG KR KZ  
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ  
PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG  
US UZ VN AM AZ BY KG KZ MD RU TJ TM

WO 9712860 P 19970410 WO AL DESIGNATED COUNTRIES FOR  
REGIONAL PATENTS CITED IN A PUBLISHED  
APPLICATION WITH SEARCH REPORT (DESIGNATED  
COUNTRIES FOR REGIONAL PATENTS CITED IN A  
PUBLISHED APPL. WITH SEARCH REPORT)  
KE LS MW SD SZ UG AT BE CH DE DK ES FI FR GB  
GR IE IT LU MC NL PT SE BF BJ CF CG CI

WO 9712860 P 19970410 WO A1 PUBLICATION OF THE  
INTERNATIONAL APPLICATION WITH THE  
INTERNATIONAL SEARCH REPORT (PUB. OF THE  
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SEARCH REPORT)

WO 9712860 P 19970619 WO DFPE REQUEST FOR PRELIMINARY  
EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH  
MONTH FROM PRIORITY DATE

WO 9712860 P 19970730 WO 121 EP: PCT APP. ART. 158 (1)  
(EP: PCT ANM. ART. 158 (1))

WO 9712860 P 19980402 WO ENP ENTRY INTO THE NATIONAL  
PHASE IN:  
CA 2233842 AA

WO 9712860 P 19980806 DE 8642/REG WITHDRAWAL (ZURUECKNAHME)

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